

Review Form 1.7

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_113169
Title of the Manuscript:	Solving Mathematics Problems Based on Visual Information Processing
Type of the Article	Original Research Article

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	1. Yes. 2. Yes. 3. Yes. As a suggestion, at the end of the abstract the visual information processing should be mentioned, after all, it is the main subject of the article. 4. Yes. 5. No. There's a lack of theoretical framework in data analysis. 6. Yes.	1. Yes 2. Yes 3. Finally, the visual representation only used visual representation with mathematical modeling. Further research should investigate similar studies involving other types of representations, such as diagrams and graphs. 4. Yes, The data analysis technique employed was analysis of qualitative descriptive based on the mathematical problem-solving test and interviews. The data analysis process follows the interactive model of Miles & Huberman (1984), which consists of three concurrent interactive flows: data reduction, data display, and conclusions drawing/verification. 5. Yes
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Yes.	Yes
Optional/General comments	In some parts, like the second paragraph of the introduction, the author suggests that visual representation would be a necessary skill to solve problems.	Consequently, Visual representation is a skill necessary for problem-solving because students possess a natural ability to process visual information more efficiently and quickly compared to information presented in textual or numerical forms.

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PART 2:

	Reviewer’s comment	Author’s comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	No